

# IG-235E

**IG-235E** is the biggest product at the E series.

The **IG-235E** has been developed for testing large set-ups , UUTs / DUTs and provides high attenuation level.

The chamber design for testing any wireless transmission such as: Wi-Fi, Bluetooth, RFID, 3G, WLAN, GPS and Wimax.

It may also be used for cell-site testing, RF resistor testing and two-way radio testing.

Connected or Over-The-Air tests and measurement Shielded chamber.

## Features

- Fast, reliable EMI/RFI testing and verification, while providing effective shielding of 110dBm minimum attenuation tested as per as
- MIL-STD-285D up to 6GHz
- High performance construction of SAE 1020 and copper EMC shielding with ROHs compliant welding and RAL 9010 STD coating.
- Manual operation with front loading, big handle opened door.
- Shielding tested under lab conditions with signal generator by spectrum analyzer and conforming antenna. Manufacturer's C.O.T. and test results included.
- For large UUT's / DUT's
- Custom-made product adaptable to any application.



## Accessories

- Double Honey-comb vent windows 265X265 mm
- Exhaust fan
- SMA / K / or any Adaptors / Filters on IOs panel
- Filtered terminal 220VAC max 32 Amp
- AC power supply plug in + cord cable
- 4 Outlet 120VAC/15A
- Filtered terminal 50VDC max 20 Amp
- DC Plug in
- RF absorbent foam liner
- Double lip RF barium fingers sealing
- Grounding Point

## Optional Accessories

- Anechoic absorber lining for the interior surface
- Custom IO's panel with any filtered connectors you may need.
- Waveguide for optic fibers
- RF shielded observation honeycomb
- Ventilation system
- Additional in-port/out-port systems
- Extra custom-made requirement

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## Technical Data

### IG-235E

Dimensions - External	Dimensions - Internal
Width: 135cm	Depends on selected Absorbers
Depth: 130cm	Any Absorbers type can be selected
Hight: 160cm	
Material	Opening System
Body: SAE 1020	Manual operation
Door: SAE 1020	Front loading
Frames: SAE 1020	1 door, side open
Brackets: SAE 1020	Torque special locking system
Fan: Rubber, Sponge and Plastic	RF shielding doors
Gaskets	
Electric system	Air vents
220 VAC max 16 Amp	2XEMI shielded honeycomb 265X265
Power strip 220 VAC	4X AC fan 80x80 - 40 CFM, magnetic - bearing, silence
External power cable 220 VAC + plug	
DC filter with easy-to-use plug in.	
Interrail lighting	
IO's plate	Internal RF absorber
Filtered IO Panel X 2 plats	Internal surfaces covering with RF absorber foam per requests
USB/LAN/ Dtype and others	
Attenuation level	Quality
0.1GHz - 1.0GHz > 110dB	Testing according to MIL-STD 285
1.0GHz - 3.0GHz > 110dB	A C.O.A will be attached to each box.
3.0GHz - 6.0GHz > 110dB	Final Attenuation level will set as per as the weak chosen connector
	Warranty - one year from delivering

